



Part Number : [2086588121](#)
Product Description : HDMI v2.1 Receptacle, Right-Angle, 0.76µm Gold (Au) Plating, 2.20mm Tab, with Flange, Tray, 19 Circuits
Series Number : 208658
Status : Active
Product Category : I/O Connectors

Documents & Resources

Drawings

[2086588121_sd.pdf](#)
[2086589902-PK.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[2086580001-000.pdf](#)
[2086581001-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
• EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	I/O Connectors
Series	208658
Description	HDMI v2.1 Receptacle, Right-Angle, 0.76µm Gold (Au) Plating, 2.20mm Tab, with Flange, Tray, 19 Circuits
Application	Wire-to-Board
Component Type	Receptacle
Product Name	HDMI
Standard	HDMI 2.1
Type	A
UPC	191130504954

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	40V DC

Physical

Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Black
Durability (mating cycles max)	10000

Gender	Female
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Mounting Style	Top-Mount
Net Weight	2.400/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	With Flange
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-20° to +85°C
Termination Interface Style	Surface Mount

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